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- ✓ → fabric → aramid or PE or PBO
- film adhesive → ^(Gurlum) ionic copolymer or epoxy or PU
- cushioning material → aramid or aluminum honeycomb, PU or foam
- ^{face} skin → woven fiberglass impregnated with phenolic resin
- mesh or tear-cut resistant
- gummy resin

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FIG.1

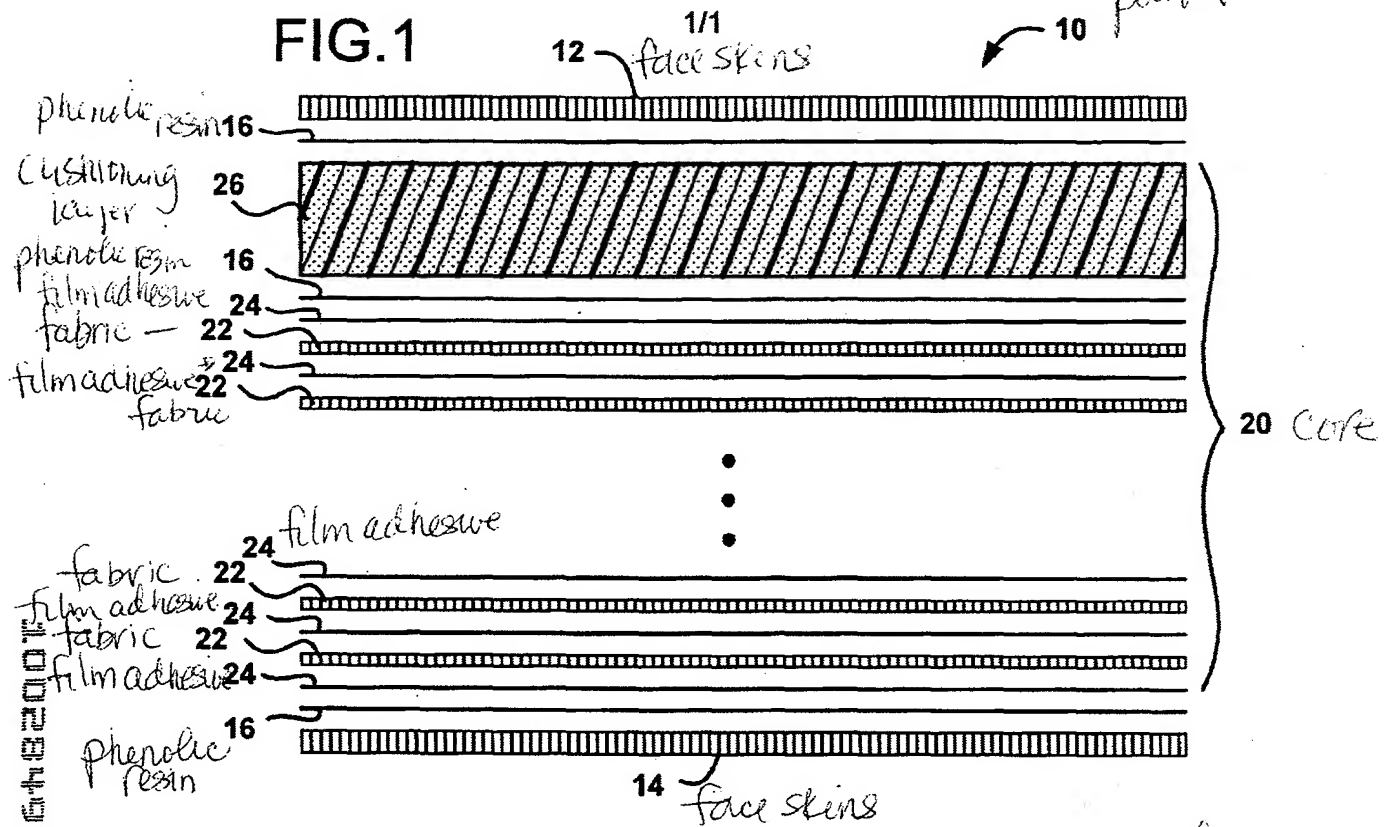
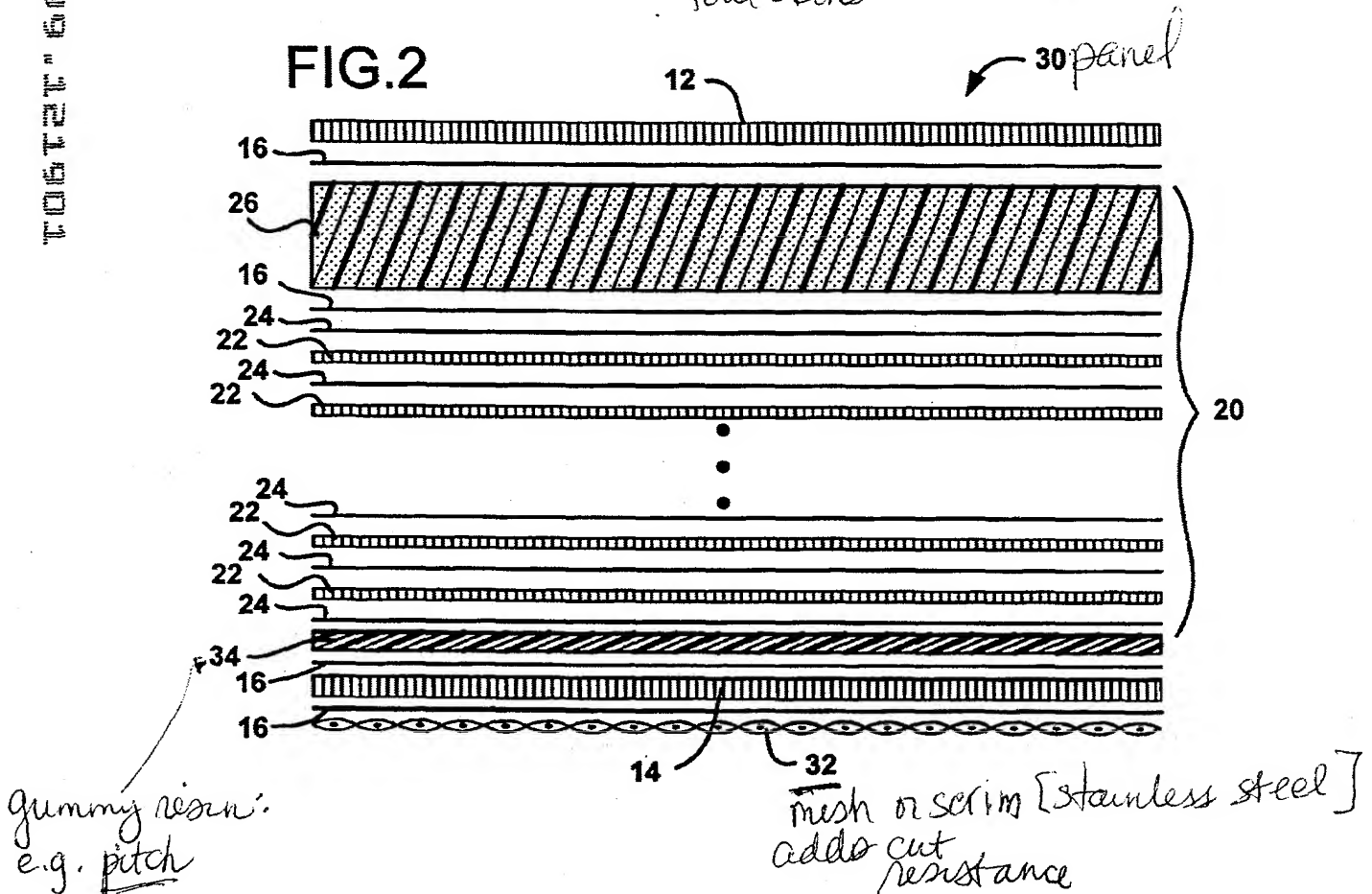


FIG.2



* face skins \Rightarrow woven fiberglass

* fabric layers \Rightarrow KEVLAR - aramid (12-33 layers)
SPECTRA or DYNEMA - polyethylene
PBO - ZYLON

* film adhesive \Rightarrow Sivalyn
epoxy adhesive
polyurethane

* cushioning layer \Rightarrow polyurethane foam
aramid or aluminum honeycomb